

## ABSTRACT OF THE DISCLOSURE

An electronic control system for an internal combustion engine comprising a controller having a fuel injection control section to control an injector of a fuel injection unit to supply fuel to the engine and an electric power source section to apply a driving power from a generator driven by the engine to the fuel injection unit and the controller, the controller having a first injection command generation section to generate an injection command when an output voltage of the generator reaches a set value whereby a first fuel injection at a start of the engine is made when the first fuel injection command generation section generates the injection command.